

**Go To:**    [994-2](#)        [994-4](#)        [994-6](#)        994-8        994-F

<b>Alarm Code</b>	<b>994-0</b>
<b>Restore</b>	<b>994-1</b>

<b><u>Location:</u></b>	<b>B 911 - AGS Pump Room</b>	<b><u>Alarm Limits</u></b>
		<b>≤ 10 psi</b>

**System:** Multipole Room Cooling System - Makeup/LoLevel

**Action:**

1. Verify that system is taking on makeup water automatically
  - a) Observe that press gauge at exp tank is increasing. Turns off at 15 psig
  - b) If not open manual makeup valve until press. - 15 psig
  - c) If press continues to fall, advise MCR that pumps will shut off at 5 psig
  - d) Check for leaks in Multipole room and isolate
  - e) Note 1 & 3

**Notes:**

- 1. Record Actions Taken**
- 2. MCR = Main Control Room (x 4662)**
- 3. Call Mech Svcs from "Call In" List**
- 4. CAS = Collider/Accelerator Support (x2024)**

**[Back to Top](#)**

**Alarm Code**      994-2  
**Restore**            994-3

**Location:**            B 911 - AGS Pump Room

**Alarm Limits**  
**≤ 0.2 Megohm**

**System:**            Multipole Room Cooling System - Low Resistivity

- Action:**
1.    Verify low resistivity
  2.    Check deionizer flow meter for 3-5 gpm flow
    - a) If no flow, check that deionizer manual valves are open
    - b) If not, open return then supply valves
  3.    Note 1 & Note 3 the next normal workday

- Notes:**
1.    Record Actions Taken
  2.    MCR = Main Control Room (x 4662)
  3.    Call Mech Svcs from "Call In" List
  4.    CAS = Collider/Accelerator Support (x2024)

[Back to Top](#)

<b><u>Location:</u></b>	<b>B 911 - AGS Pump Room</b>	<b><u>Alarm Limits</u></b> <b>≤ 55 psig</b>
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**Action:**

- 1. Verify low pressure exists**
  - a) Advise MCR, and turn off pump and valve off makeup**
  - b) Check for large water leak in Multipole Room and isolate**
  - c) Note 1 & 3**

**Notes:**

- 1. Record Actions Taken**
- 2. MCR = Main Control Room (x 4662)**
- 3. Call Mech Svcs from "Call In" List**
- 4. CAS = Collider/Accelerator Support (x2024)**

**Back to Top**

<b><u>Location:</u></b>	<b>B 911 - AGS Pump Room</b>	<b><u>Alarm Limits</u></b>
		<b>≥ 85 F</b>

**Action:**

- 1. Verify High temperature**
- 2. Open bypass valve around temp control valve and throttle to maintain system temp of 80 F**
- 3. If successful, Note 1 & 3**

**Notes:**

- 1. Record Actions Taken**
- 2. MCR = Main Control Room (x 4662)**
- 3. Call Mech Svcs from "Call In" List**
- 4. CAS = Collider/Accelerator Support (x2024)**

**Back to Top**